

US EPA ARCHIVE DOCUMENT

National Pesticide Information Retrieval System: **NPIRS**

Victoria Cassens, Purdue University

CERIS

- Center for Environmental and Regulatory Information Systems
- Within Department of Entomology located at Purdue Research Park
- Began with NPIRS in 1983
- Has Over 25 years Experience Serving as National Data Repositories for EPA and USDA

CERIS Projects

- National Pesticide Information Retrieval System – NPIRS
- National Agricultural Pest Information System – NAPIS
- Export Certification Project – EXCERPT
- National Plant Diagnostic Network – NPDN

How Are the Projects Related?

- NAPIS – Where are the pests?
- NPDN – What diagnostic lab identified the pest and what method was used?
- NPIRS – What controls the pests?
- EXCERPT – How do you certify that a shipment is free from a particular pest?

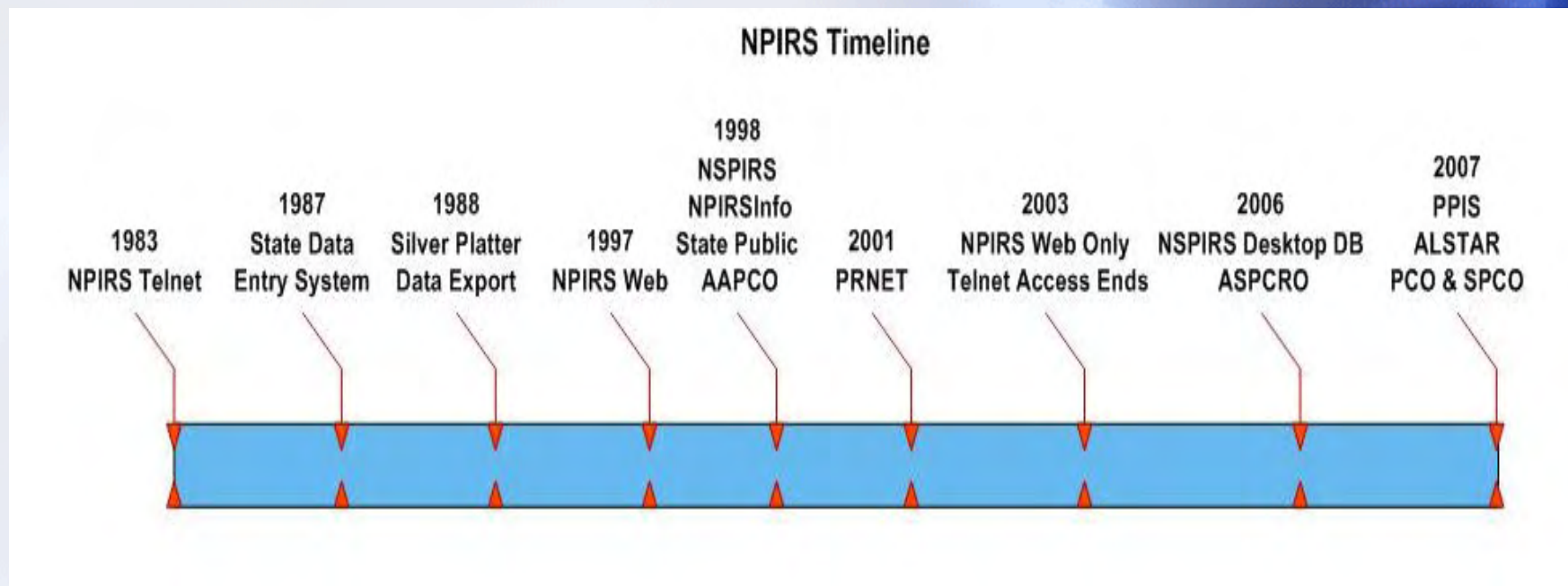
CERIS Resources

- Shared Infrastructure
 - Office Facilities
 - Network
 - Secure Server Room
- Shared QA/QC Management and Costs
 - Director, System Administrator, Network Administrator, DBA
- Shared Technical Expertise

NPIRS

- Collection of Pesticide-Related Databases, Applications, and Web Sites
- Primary Purpose is to Disseminate Timely and Accurate Information at an Affordable Cost
- Pesticide Product Data from EPA and State Regulatory Agencies is Basis for All Applications
- Operates on Cost-Recovery Basis

Background



- NPIRS began in 1983 and was accessible using telnet and a dial-up modem at the lightning-fast rate of 300 baud.
- With the advent of the Internet, NPIRS added a state-of-the-art web interface to search the databases in 1997.

Applications

- National Pesticide Information Retrieval System – NPIRS
- Online State Data Entry
- NPIRS State Pesticide Information Retrieval System – NSPIRS
- Pesticide Regulators
- NSPIRS Desktop Database
- Accepted Labels State Tracking and Repository – ALSTAR

User Community

- Pesticide registrant companies
- Consultants
- State regulatory agencies
- Government agencies and universities
- Extension specialists
- Dealers, growers, applicators and public

Strengths

- 25 years experience managing data
- 20 member advisory council
- Partnerships with federal, state, territorial, and tribal regulators and registrant companies
- Dedicated staff
- Proximity and association with Purdue University

NPIRS

Federal Registration Data

- | | |
|---------------------------------|-------------------------------------|
| 1. <u>Federal Status</u> | 11. <u>Primary Brand Name</u> |
| 2. <u>Site of Application</u> | 12. <u>Primary Company Name</u> |
| 3. <u>Pest to be Controlled</u> | 13. <u>Distributor Brand Name</u> |
| 4. <u>Active Ingredient</u> | 14. <u>Distributor Company Name</u> |
| 5. <u>EPA Registration Data</u> | |
| 6. <u>Formulation</u> | |
| 7. <u>Signal Word</u> | R Recall Previous Products |
| 8. <u>Use Restriction</u> | P Product Summaries |
| 9. <u>Registration Dates</u> | D Display Products |
| 10. <u>Product Use Types</u> | N New Search |

[state product](#) | [pdms](#) | [dsl](#) | [tolerance](#) | [federal register](#) | [lists](#) | [saved searches](#)

[NPIRSInfo](#) | [State Public](#) | [Change Password](#) | [Web Hits](#) | [Contact Us](#)

- Pesticide Product
- PDMS
- DSL
- Tolerance
- Federal Register

- Over 400 users from more than 14 countries
- Links to Labels
 - PPLS at EPA – tiff images
 - ALSTAR labels – pdf text searchable format
- Available by subscription

NSPIRS

CALIFORNIA Registration Data

- | | |
|---------------------------------|--------------------------------------|
| 1. <u>Federal Status</u> | 11. <u>State Brand Name</u> |
| 2. <u>Site of Application</u> | 12. <u>State Company Name</u> |
| 3. <u>Pest to be Controlled</u> | 13. <u>State Registration Number</u> |
| 4. <u>Active Ingredient</u> | 14. <u>Year of Last Registration</u> |
| 5. <u>EPA Registration Data</u> | |
| 6. <u>Formulation</u> | |
| 7. <u>Signal Word</u> | R Recall Previous Products |
| 8. <u>Use Restriction</u> | P Product Summaries |
| 9. <u>Registration Dates</u> | D Display Products |
| 10. <u>Product Use Types</u> | N New Search NS New State |

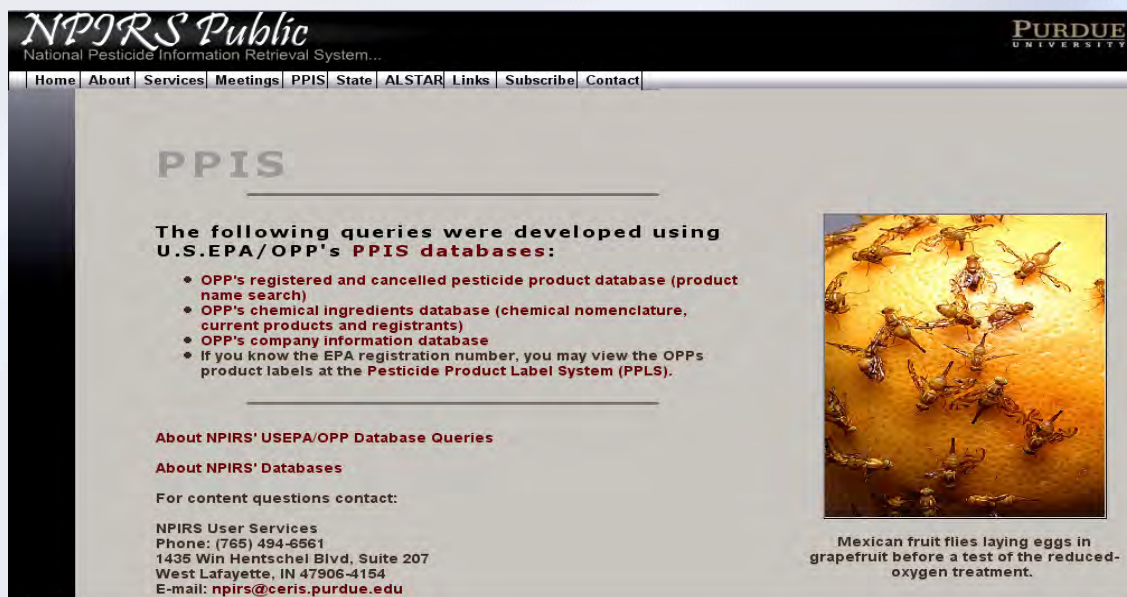
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- Pesticide Product
 - State
 - Federal
- Tolerance

- Over 400 users from federal, state, territorial, and tribal pesticide regulatory agencies and industry
- Links to Labels
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PPIS



The screenshot shows the NPIRS Public website interface. At the top, it says "NPIRS Public" and "National Pesticide Information Retrieval System...". The Purdue University logo is in the top right. A navigation bar includes links for Home, About, Services, Meetings, PPIS, State, ALSTAR, Links, Subscribe, and Contact. The main content area is titled "PPIS" and lists queries developed using U.S. EPA/OPP's PPIS databases:

- OPP's registered and cancelled pesticide product database (product name search)
- OPP's chemical ingredients database (chemical nomenclature, current products and registrants)
- OPP's company information database
- If you know the EPA registration number, you may view the OPPs product labels at the Pesticide Product Label System (PPLS).

Below the list are links for "About NPIRS' USEPA/OPP Database Queries" and "About NPIRS' Databases". Contact information for NPIRS User Services is provided: Phone: (765) 494-6561, 1435 Win Hentschel Blvd, Suite 207, West Lafayette, IN 47906-4154, E-mail: npirs@ceris.purdue.edu.



Mexican fruit flies laying eggs in grapefruit before a test of the reduced-oxygen treatment.

- Active Ingredient
- EPA Registration Number
- Product Name
- Company Name

- Links to 5 chemical-related databases
- Links to Labels
 - PPLS at EPA – tiff images
- Free to public
- Over 3 million hits per year

State Public

Indiana Pesticide Product Data

15511 Products Registered

Select and Submit Search Option:

- | | |
|--|---|
| <input checked="" type="radio"/> Active Ingredient | <input type="radio"/> EPA Registration Number |
| <input type="radio"/> Site of Application | <input type="radio"/> Product Name |
| <input type="radio"/> Pest to be Controlled | <input type="radio"/> Company Name |

Submit Choice

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- Active Ingredient
- Site of Application
- Pest to be Controlled
- EPA Registration Number
- Product Name
- Company Name

- Links to chemical databases, crop profiles
- Links to Labels
 - PPLS at EPA – tiff images
 - ALSTAR labels – pdf text searchable format
- Free to public
- Over 1.5 million hits per year

State Public

BRAVO WEATHER STIK AGRICULTURAL FUNGICIDE

EPA Registration Number: [50534-188-100](#) IN Product ID Number: [2001052027](#)

Registrant: SYNGENTA CROP PROTECTION INC
GREENSBORO NC 27409

Registration Year: 2009
Signal Word: CAUTION
Formulation: EMULSIFIABLE CONCENTR.

Percent Active Ingredient
54.0000 [Chlorothalonil \(81901\)](#)

[Display ALL Sites and Pests](#)

Indiana State Labels

Click on the IN Product ID Number link to view Indiana pdf labels for this product.

INDIANA State Labels and Documents

Product Name: [BRAVO WEATHER STIK AGRICULTURAL FUNGICIDE](#)

EPA Registration Number: [50534-188-100](#)

Click on Company Label ID to view INDIANA Document

Company Label ID	Version Date	Registration Type	Document Type	Accepted Date
SCP 50534-188A-S5 0109	1/12/2009	Regular - Section 3	Supplemental Label	3/26/2009
SCP 50534-188A-L1E 0109	1/0/2009	Regular - Section 3	Container Label	3/26/2009

To view INDIANA Labels you will need Adobe Reader




State Public

1 / 5

102%

Collaborate Sign Find

SUPPLEMENTAL LABEL



Syngenta Crop Protection, Inc.
P. O. Box 18300
Greensboro, North Carolina 27419-8300

Bravo Weather Stik®

Agricultural Fungicide

Supplemental label for brassica (head and stem), horseradish, lupine and lentil, persimmon, rhubarb, and soybean.

Active Ingredient:
Chlorothalonil (tetrachloroisophthalonitrile).....

Other Ingredients:
Total

Contains 6.0 lbs. of Chlorothalonil per gallon (70.0 fl. oz.)

4 / 5

102%

Collaborate Sign Find

Specific Use Restrictions:

- Do not apply more than 12 pints of Bravo Weather Stik (9.0 lbs. a.i.) per acre during each growing season.
- Do not apply within 3 days of harvest (3 day PHI).

Ginseng	Alternaria blight (<i>Alternaria panax</i>)	2 (1.5)	Use in sufficient water to obtain adequate coverage. Begin applications when disease first threatens, and repeat at 7-10 day intervals as disease pressure warrants.
	Gray mold (<i>Botrytis cinerea</i>)		

Specific Use Restrictions:

- Do not apply more than 16 pints of Bravo Weather Stik (12 lbs. a.i.) per acre during each growing season.
- Do not apply within 14 days of harvest (14 day PHI).

Horseradish	Ramularia stem and leaf spot (<i>Ramularia armoraciae</i>)	3 (2.25)	Use in sufficient water to obtain adequate coverage. Begin applications when disease first threatens, and repeat at 7-10 day intervals as disease pressure warrants.

Specific Use Restrictions:

- Do not apply more than 24 pints of Bravo Weather Stik (18 lbs. a.i.) per acre during each growing season.
- Do not apply within 14 days of harvest (14 day PHI).

Lupine and Lentil	Anthracoise (<i>Colletotrichum gloeosporioides</i>)	1 to 1.5 (0.75 to 1.125)	Use in sufficient water to obtain adequate coverage. Begin applications when disease first threatens, and repeat at 7-10 day intervals as disease pressure warrants.
	Ascochyta (<i>Ascochyta pisi</i>)		

Specific Use Restrictions:

- Do not apply more than 8 pints of Bravo Weather Stik (6 lbs. a.i.) per acre during each growing season.
- Do not apply within 14 days of harvest (14 day PHI).

ALSTAR

- Result of meetings over the course of last 4 ½ years that involved participants from states, USEPA, the pesticide registrant community and other stakeholders
- Secure data management application that facilitates the exchange of electronic documents between pesticide registrants and state regulators
- Public repository of state-specific approved or accepted pesticide labels stored in a standard format, uniquely identified, and available via the Internet to stakeholders

ALSTAR State Participants

- Arizona
- California
- Colorado
- Florida
- Georgia
- Idaho
- Indiana
- Iowa
- Kansas
- Michigan
- Minnesota
- Mississippi
- Montana
- Nevada
- New Hampshire
- New Mexico
- New York
- Oklahoma
- Pennsylvania
- Rhode Island
- South Carolina
- Texas
- Vermont
- Virgin Islands
- Virginia
- Washington
- West Virginia
- Wisconsin

ALSTAR Company Participants

- Amvac Chemical
- BASF
- Bayer CropScience
- Bayer Healthcare
- Clorox
- Dow AgroSciences
- DuPont Crop Protection
- FMC
- Gowan
- Johnson Diversey
- Mandava Associates
- Monsanto
- Nichino America
- Nufarm Americas
- PBI/Gordon
- Reckitt Benckiser
- SePRO
- Syngenta Crop Protection
- Loveland Products
- Spectrum Brands
- Voluntary Purchasing Groups
- Wellmark International

Looking Ahead on ALSTAR

- Enhance software functionality
- Identify funding sources
- Enlarge ALSTAR community
- Explore opportunities for interaction